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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/649,337  
Applicant : Thomas A. Hillerich, Jr.  
Filed : August 27, 2003  
TC/A.U. : 3652  
Examiner : To be assigned

Docket No. : 2662-155  
Customer No. : 06449  
Confirmation No. : 4608

INFORMATION DISCLOSURE STATEMENT

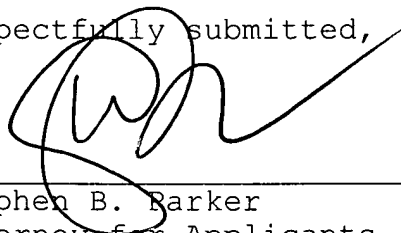
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

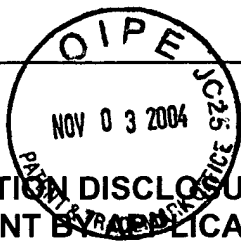
Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants submit herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

Respectfully submitted,

By

  
\_\_\_\_\_  
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Attorney for Applicants  
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*Complete if Known*

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|----------------------|--------------------------|
| Application Number   | 10/649,337               |
| Filing Date          | August 27, 2003          |
| First Named Inventor | Thomas A. Hillerich, Jr. |
| Group Art Unit       | 3652                     |
| Examiner Name        | To be assigned           |

|       |   |    |   |                        |          |
|-------|---|----|---|------------------------|----------|
| Sheet | 1 | of | 6 | Attorney Docket Number | 2662-155 |
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## **U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
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|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |
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|                       | D                        | 4,725,182            |                                      | Sakamoto et al.                                    | February 16, 1988                                      |
|                       | E                        | 4,730,730            |                                      | Clarkson   | March 15, 1988   |
|                       | F                        | 4,757,985            |                                      | Hamant et al.                                      | July 19, 1988  |
|                       | G                        | 4,863,037            |                                      | Stevens et al.                                     | September 5, 1989                                      |
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|                       | J                        | 5,054,992            |                                      | Hognestad et al.                                   | October 8, 1991  |
|                       | K                        | 5,104,109            |                                      | Kubo   | April 14, 1992   |
|                       | L                        | 5,106,254            |                                      | Tolasch et al.                                     | April 21, 1992   |
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|                       | Q                        | 5,266,812            |                                      | Mokuo  | November 30, 1993                                      |
|                       | R                        | 5,273,392            |                                      | Bernard, II et al.                                 | December 28, 1993                                      |
|                       | S                        | 5,360,316            |                                      | O'Mara et al.                                      | November 1, 1994                                       |
|                       | T                        | 5,364,592            |                                      | Lewis et al.                                       | November 15, 1994                                      |
|                       | U                        | 5,379,992            |                                      | Holmes et al.                                      | January 10, 1995                                       |
|                       | V                        | 5,419,457            |                                      | Ross et al.  | May 30, 1995   |
|                       | W                        | 5,535,874            |                                      | Ross et al.  | July 16, 1996  |
|                       | X                        | 5,593,269            |                                      | Bernard, II  | January 14, 1997                                       |
|                       | Y                        | 5,692,867            |                                      | Kondo et al.                                       | December 2, 1997                                       |
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|                       | AE                       | 5,897,290            |                                      | Lu et al.  | April 27, 1999   |
|                       | AF                       | 5,906,468            |                                      | Vander Syde et al.                                 | May 25, 1999   |
|                       | AG                       | 5,934,666            |                                      | Rabindran et al.                                   | August 10, 1999  |
|                       | AH                       | 5,934,866            |                                      | Redden   | August 10, 1999  |
|                       | AI                       | 5,957,448            |                                      | Frank et al.                                       | September 28, 1999                                     |
|                       | AJ                       | 5,964,564            |                                      | Hanon et al.                                       | October 12, 1999                                       |
|                       | AK                       | 5,971,391            |                                      | Salomon et al.                                     | October 26, 1999                                       |
|                       | AL                       | 5,980,188            |                                      | Ko et al.  | November 9, 1999                                       |
|                       | AM                       | 5,993,132            |                                      | Harres et al.                                      | November 30, 1999                                      |
|                       | AN                       | 6,024,533            |                                      | Redden   | February 15, 2000                                      |
|                       | AO                       | 6,026,967            |                                      | Isaacs et al.                                      | February 22, 2000                                      |
|                       | AP                       | 6,032,946            |                                      | Marshall et al.                                    | March 7, 2000  |
|                       | AQ                       | 6,095,316            |                                      | Redden   | August 1, 2000   |

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|                       | AR                       | 6,142,723            |                                      | Kang   | November 7, 2000                                       |
|                       | AS                       | 6,172,355            | B1                                   | Gast et al.  | January 9, 2001  |
|                       | AT                       | 6,179,283            | B1                                   | Gerstenberg et al.                                 | January 30, 2001                                       |
|                       | AU                       | 6,270,070            | B1                                   | Salomon et al.                                     | August 7, 2001   |
|                       | AV                       | 6,217,020            | B1                                   | Supron et al.                                      | April 17, 2001   |
|                       | AW                       | 6,276,509            | B1                                   | Schuster et al.                                    | August 21, 2001  |
|                       | AX                       | 6,354,587            | B1                                   | Engarto  | March 12, 2002   |
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|                       | AZ                       | 6,431,369            | B1                                   | Boller et al.                                      | August 13, 2002  |
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|                       | BC                       | 6,511,062            | B1                                   | Blackwell et al.                                   | January 28, 2003                                       |
|                       | BD                       | 6,561,339            | B1                                   | Olson et al.                                       | May 13, 2003   |
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|                       | BH                       | 6,618,645            | B2                                   | Bacchi et al.                                      | September 9, 2003                                      |
|                       | BI                       | 6,619,647            | B2                                   | Post et al.  | September 16, 2003                                     |
|                       | BJ                       | 6,629,691            | B2                                   | Niiyama et al.                                     | October 7, 2003  |
|                       | BK                       | 6,679,491            | B2                                   | Luebben et al.                                     | January 20, 2004                                       |
|                       | BL                       | 6,702,281            | B2                                   | Post et al.  | March 9, 2004  |
|                       | BM                       | 6,719,519            | B2                                   | Liehs  | April 13, 2004   |
|                       | BN                       | 2002/0003330         | A1                                   | Neri et al.  | January 10, 2002                                       |
|                       | BO                       | 2002/0053768         | A1                                   | Blackwell et al.                                   | May 9, 2002  |
|                       | BP                       | 2002/0067981         | A1                                   | Bonora et al.                                      | June 6, 2002   |
|                       | BQ                       | 2002/0079254         | A1                                   | Soldavini et al.                                   | June 27, 2002  |
|                       | BR                       | 2002/0125177         | A1                                   | Burns et al.                                       | September 12, 2002                                     |
|                       | BS                       | 2002/0153654         | A1                                   | Blackwell et al.                                   | October 24, 2002                                       |

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|                       | BT                       | 2003/0012637         | A1                                   | Sperger  | January 16, 2003                                       |
|                       | BU                       | 2003/0015834         | A1                                   | Post et al.  | January 23, 2003                                       |
|                       | BV                       | 2003/0015835         | A1                                   | Post et al.  | January 23, 2003                                       |
|                       | BW                       | 2003/0103838         | A1                                   | Liehs  | June 5, 2003   |
|                       | BX                       | 2003/0141651         | A1                                   | Berdelle-Hilge et al.                              | July 31, 2003  |
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|                       | BZ                       | 2004/0065597         | A1                                   | Hanson   | April 8, 2004  |
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